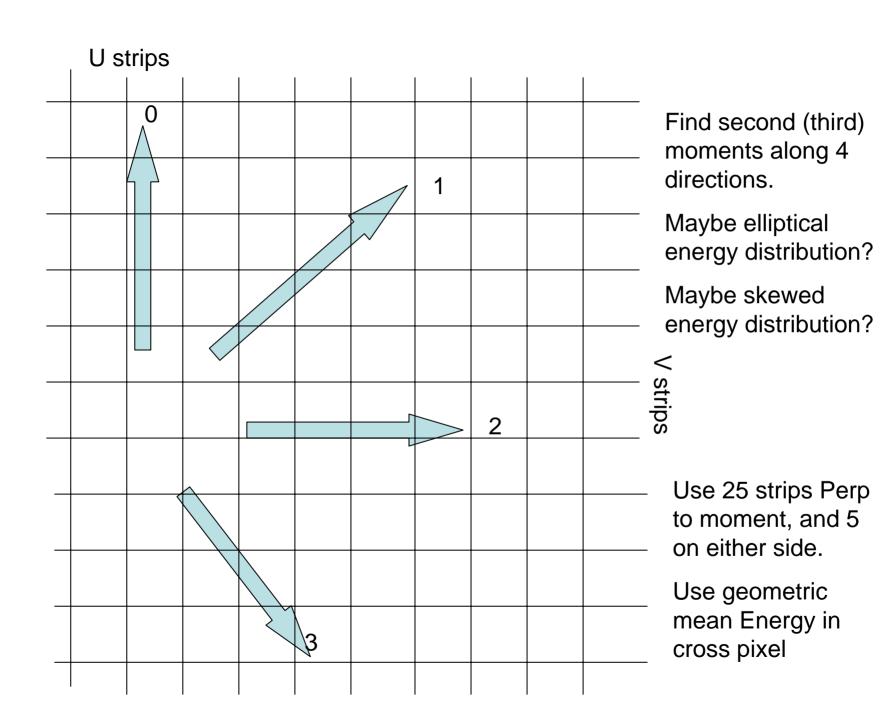
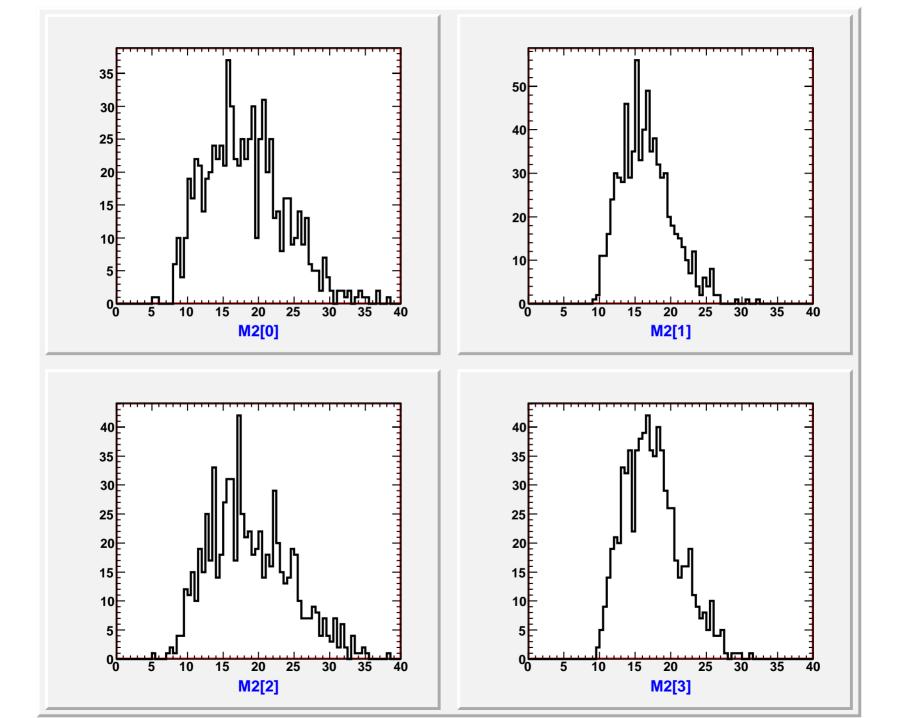
Trying to Understand moments of distributions in EndCap SMD within the 25 x 25 strip events in text files from IUCF.

Preliminary version 1

David Underwood May 14, 2008





Diagonal moments are smaller.

I thought this was a code bug, but it looks more like it could come from extra energy in strips outside the 25 x 25 crossing area of the photon candidate.

Note in the next slide that the first moments have a distribution around the peak of the distribution. They are not all centered in strip 12.

I use sum (E*(U- meanU)^2) / (sum E) for moments Where E is sqrt(Eu * Ev) at crossing of strips.

The last slide shows no particular correlation of moment with Energy.

All these have Preshower 1 = 0. A comparison is the next job.

